BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

EMB

* * * * *

1st and Final Bill towards for the work of

Improvements to roads and drains at someshwara nagara in ward no-04.

ESTIMATE COST: RS.202.00 Lakhs

JOB NUMBER:004-21-000008.

Asst. Executive Engineer,
Yelahanka new town sub division,
BBMP, BANGALORE-64

1st and Final bill

ame of work: Improvements to roads and drains at Someshwaranagara in ward no -04.

ork Order No: BBMP / EE/ YNK.D / E-PMT-08 /W.O / 0001/2021-22 dt: 03-04-2021.

OB NUMBER: 004-21-000008.

stimate Cost: 202.00 lakhs.

s No: EE/ YNK.D/ AS / /2020-21 dt :29-03-2021.

s No : CE / YNK.Z/ TS / 125/2020-21 dt : 12-10-2021

ame of Contractor : Sri R Ranganath.

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification As Per Engineer In-Charges	Cum							
	Premeasument Recorded vide excel sheet page no						2583.11		
							2583.11	217.77	562524.00
6	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications As Per Engineer In-Charges	Cum							
	Premeasument Recorded vide excel sheet page no						117.92		
							117.92	1013.06	119456.00
7	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications As Per Engineer In-Charges	Sqm							
	Premeasument Recorded vide excel sheet page no						1401.43		
							1401.43	100.07	140241.00

Ramesayeevaid

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications As Per Engineer In-Charges	Sqm							
	Premeasument Recorded vide excel sheet page no						1975.55		
							1975.55	6.67	13177.00
3	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications As Per Engineer In-Charges	Cum							
	Premeasument Recorded vide excel sheet page no								
							407.18	5779.29	2353191.00
5	Providing T.M.T. steel reinforcement for R.C.C. work inciuding straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 1600 & 2200 As Per Engineer In-Charges	Tonne							
	Premeasument Recorded vide excel sheet page no								
							40.14	68234.20	2738921.00

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Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm As Per Engineer In-Charges	Cum							
for RCC drain 3rd phase MIG 4th main road house no 2503 LHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	15.00	0.90	0.15	2.03		
RHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	15.00	0.90	0.15	2.03		
PM layout 3rd cross RHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	19.50	0.90	0.15	2.63		
LHS		1	24.50	0.90	0.15	3.31		
		1	30.00	0.90	0.15	4.05		
		1	18.00	0.90	0.15	2.43		
1st cross road LHS		1	9.00	0.90	0.15	1.22		
		1	9.00	0.90	0.15	1.22		
RHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	8.00	0.90	0.15	1.08		
1st main road LHS		1	25.00	0.90	0.15	3.38		
		1	9.00	0.90	0.15	1.22		
RHS		1	30.00	0.90	0.15	4.05		
		1	13.90	0.90	0.15	1.88		
		1	30.00	0.90	0.15	4.05		
		1	8.00	0.90	0.15	1.08		
2nd main road LHS		1	12.00	0.90	0.15	1.62		
		1	30.00	0.90	0.15	4.05		
RHS		1	20.00	0.90	0.15	2.70		
		1	30.00	0.90	0.15	4.05		
Mathru layout 3rd cross LHS		1	20.00	0.90	0.15	2.70		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	5.00	0.90	0.15	0.68		
RHS		1	30.00	0.90	0.15	4.05		

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Ramasanjeevaiah
3/06/2021

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		1	5.00	0.90		4.50		
Mathru layout A cross LHS		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	8.50	0.90		7.65		
RHS		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	8.50	0.90		7.65		
Mathru layout B cross LHS		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	18.00	0.90		16.20		
RHS		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	18.00	0.90		16.20		
main road RHS		1	29.00	0.90		26.10		
		1	30.00	0.90		27.00		
		1	25.50	0.90		22.95		
		1	25.50	0.90		22.95		
		1	25.20	0.90		22.68		
		1	30.00	0.90		27.00		
		1	13.70	0.90		12.33		
		1	25.00	0.90		22.50		
someshwaranagara cross road		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	20.00	0.90		18.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	10.00	0.90		9.00		
		1	30.00	0.90		27.00		
		1	8.50	0.90		7.65		
missing slab		20	0.90	0.90		16.20		
		11	0.90	0.60		5.94		
						1580.31	2451.51	3874145.77

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5/06/2021

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as	Cum							
	for cc road								
	someshwara temple		1	15.00	(5.0+3.50)/2	0.15	9.56		
			1	15.00	(3.5+4.1)/2	0.15	8.55		
			1	3.00	(4.1+3.8)/2	0.15	1.78		
	3rd phase 4th main road		1	15.00	(4.2+3.7)/2	0.15	8.89		
			1	15.00	(3.7+3.9)/2	0.15	8.55		
			1	15.00	(3.9+3.9)/2	0.15	8.78		
			1	15.00	(3.9+4.3)/2	0.15	9.23		
	LIG Anganavadi road		1	15.00	(4.3+5.1)/2	0.15	10.58		
			1	15.00	(5.0+4.3)/2	0.15	10.46		
			1	15.00	(4.3+4.2)/2	0.15	9.56		
			1	15.00	(4.2+4.2)/2	0.15	9.45		
	near RO plant		1	14.30	(4.2+4.3)/2	0.15	9.12		
			1	15.00	(9.5+11.3)/2	0.10	15.60		
			1	15.00	(11.3+6.0)/2	0.10	12.28		
			1	15.00	(6.0+8.0)/2	0.10	10.50		
			1	15.00	(11.8+10.6)/2	0.15	25.20		
			1	11.30	(10.6+8.0)/2	0.15	15.76		
	cross road		1	15.00	(4.3+4.2)/2	0.15	9.56		
			1	15.00	(4.2+3.5)/2	0.15	8.66		
			1	4.60	(3.5+3.0)/2	0.15	2.24		
	22nd B cross road near TATA instute		1	15.00	(4.0+4.1)/2	0.15	9.11		
			1	15.00	(4.1+4.0)/2	0.15	9.11		

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7/06/2021

			1	15.00	(4.0+4.1)/2	0.15	9.11		
			1	15.00	(4.1+4.0)/2	0.15	9.11		
			1	15.00	(4.0+4.1)/2	0.15	9.11		
			1	15.00	(4.1+4.0)/2	0.15	9.11		
			1	11.00	(4.0+4.1)/2	0.15	6.68		
							265.66	5616.37	1492057
9	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision As Per Engineer In-Charges	Cum							
	Premeasument Recorded vide excel sheet page no						140.14		
							140.14	2092.67	293273.00
10	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications As Per Engineer In-Charges	Cum							
	Premeasument Recorded vide excel sheet page no						322.46		
							322.46	2099.34	676948.00
12	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications As Per Engineer In-Charges	Sqm							

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								Qty	Rate	Amount
	Premeasument Recorded vide excel sheet page no							1401.99		
								1401.99	31.13	43644.00
13	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen As Per Engineer In-Charges	Cum								
	Premeasument Recorded vide excel sheet page no							70.11		
								70.11	6721.68	471257.00
14	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications As Per Engineer In-Charges	Sqm								
	Premeasument Recorded vide excel sheet page no							2870.07		
								2870.07	5.56	15958.00

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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
15	Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications As Per Engineer In-Charges	Sqm							
	Premeasument Recorded vide excel sheet page no						2870.07		
							2870.07	13.34	38287.00
16	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4 % VG-30 Bitumen As Per Engineer In-Charges	Cum							
	Someshwara nagar main road house no 2538								
			1	30.00	(7.8+7.4)/2	0.04	9.12		
			1	30.00	(7.4+5.9)/2	0.04	7.98		
			1	30.00	(5.9+7.7)/2	0.04	8.16		
			1	30.00	(7.7+6.3)/2	0.04	8.40		
			1	30.00	(6.3+6.3)/2	0.04	7.56		
			1	30.00	(6.3+6.7)/2	0.04	7.80		
			1	16.30	(6.7+6.5)/2	0.04	4.30		
	Someshwara nagara 2nd A cross road house no 41		1	30.00	(5.4+5.0)/2	0.03	4.[illegible]		
			1	30.00	(5.0+6.7)/2	0.04	7.02		
			1	5.00	(6.7+6.7)/2	0.04	1.34		
	Someshwara nagara 3rd A cross house no 58		1	30.00	(6.4+5.4)/2	0.03	5.31		
			1	30.00	(5.4+5.8)/2	0.03	5.04		
			1	30.00	(5.8+4.5)/2	0.03	4.64		
			1	8.90	(4.5+3.5)/2	0.03	1.07		

22/7/20[illegible]

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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Someshwara nagara 5th A cross		1	30.00	(5.3+5.4)/2	0.03	4.82		
			1	19.10	(5.4+5.1)/2	0.03	3.01		
	Someshwara nagara 5th cross road house no 2		1	30.00	(5.0+3.7)/2	0.03	3.92		
			1	30.00	(3.7+5.1)/2	0.03	3.96		
			1	30.00	(5.1+4.9)/2	0.03	4.50		
			1	30.00	(4.9+4.5)/2	0.03	4.23		
	main road house no 7		1	9.90	(4.5+4.3)/2	0.03	1.31		
			1	30.00	(6.4+7.1)/2	0.03	6.08		
			1	2.40	(7.1+7.0)/2	0.03	0.51		
							114.73	7907.01	907171
17	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. As Per Engineer In-Charges	Sqm							
	Someshwara nagar main road house no 2538		2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	16.30	0.15		4.89		
	Someshwara nagara 2nd A cross road house no 41		2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	5.00	0.15		1.50		
	Someshwara nagara 3rd A cross house no 58		2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.10		6.00		
			2	8.90	0.15		2.67		
	Someshwara nagara 5th A cross		2	30.00	0.10		6.00		
			2	19.10	0.10		3.82		

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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Someshwara nagara 5th cross road house no 2								
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
	main road house no 7		2	9.90	0.10		1.98		
			2	30.00	0.10		6.00		
			2	2.40	0.10		0.48		
							147.34	477.02	70284
							Sub Total		18539850
							12% GST		2224782
							Grand Total		20764632

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8/06/2021

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ 6 (2021)
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BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

EMB

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1st and Final Bill towards for the work of

Improvements to roads and drains at someshwara nagara in ward no-04.

ESTIMATE COST: RS.202.00 Lakhs

JOB NUMBER:004-21-000008.

pre-measurment

Asst. Executive Engineer,
Yelahanka new town sub division,
BBMP, BANGALORE-64

1st and Final bill

Name of work: Improvements to roads and drains at Someshwaranagara in ward no -04.

Work Order No: BBMP / EE/ YNK.D / E-PMT-08 /W.O / 0001/2021-22 dt: 03-04-2021.

JOB NUMBER: 004-21-000008.

Estimate Cost: 202.00 lakhs.

As No: EE/ YNK.D/ AS / /2020-21 dt :29-03-2021.

Ts No : CE / YNK.Z/ TS / 125/2020-21 dt : 12-10-2021

Name of Contractor : Sri R Ranganath.

PRE - MEASUREMENTS

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification As Per Engineer In-Charges	Cum							
	for RCC drain 3rd phase MIG 4th main road house no 2503 LHS		1	30.00	1.20	1.10	39.60		
			1	30.00	1.20	1.10	39.60		
	RHS		1	15.00	1.20	1.10	19.80		
			1	30.00	1.20	1.10	39.60		
			1	30.00	1.20	1.10	39.60		
	PM layout 3rd cross RHS		1	15.00	1.20	1.10	19.80		
			1	30.00	1.20	1.10	39.60		
			1	30.00	1.20	1.10	39.60		
	LHS		1	19.50	1.20	1.10	25.74		
			1	24.50	1.20	1.10	32.34		
			1	30.00	1.20	1.10	39.60		
	1st cross road LHS		1	18.00	1.20	1.10	23.76		
			1	9.00	1.20	1.10	11.88		
	RHS		1	9.00	1.20	1.10	11.88		
			1	30.00	1.20	1.10	39.60		
			1	30.00	1.20	1.10	39.60		
	1st main road LHS		1	8.00	1.20	1.10	10.56		
			1	25.00	1.20	1.10	33.00		
	RHS		1	9.00	1.20	1.10	11.88		
			1	30.00	1.20	1.10	39.60		
			1	13.90	1.20	1.10	18.35		
			1	30.00	1.20	1.10	39.60		
			1	8.00	1.20	1.10	10.56		
	2nd main road LHS		1	12.00	1.20	1.10	15.84		
			1	30.00	1.20	1.10	39.60		
	RHS		1	20.00	1.20	1.10	26.40		
			1	30.00	1.20	1.10	39.60		
	Mathru layout 5th cross LHS		1	20.00	1.20	1.10	26.40		
			1	30.00	1.20	1.10	39.60		
			1	30.00	1.20	1.10	39.60		

Ramasanjeevaiah.
15/04/2021

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	15.00	(1.5+1.0)/2		18.75		
			1	15.00	(1.5+1.5)/2		22.50		
			1	11.00	(1.0+1.1)/2		11.55		
							1975.55		
3	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications As Per Engineer In-Charges	Cum							
	for RCC drain 3rd phase MIG 4th main road house no 2503 LHS		1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
	RHS		1	15.00	1.20	0.15	2.70		
			1	30.00	1.20	0.15	5.40		
	PM layout 3rd cross RHS		1	30.00	1.20	0.15	5.40		
			1	15.00	1.20	0.15	2.70		
	LHS		1	30.00	1.20	0.15	5.40		
			1	19.50	1.20	0.15	5.40		
	1st cross road LHS		1	24.50	1.20	0.15	3.51		
			1	30.00	1.20	0.15	4.41		
	RHS		1	18.00	1.20	0.15	5.40		
			1	9.00	1.20	0.15	3.24		
	1st main road LHS		1	9.00	1.20	0.15	1.62		
			1	30.00	1.20	0.15	1.62		
	RHS		1	30.00	1.20	0.15	5.40		
			1	8.00	1.20	0.15	5.40		
			1	25.00	1.20	0.15	1.44		
			1	9.00	1.20	0.15	4.50		
			1	30.00	1.20	0.15	1.62		
			1	13.90	1.20	0.15	5.40		
			1	30.00	1.20	0.15	2.50		
			1	8.00	1.20	0.15	5.40		
	2nd main road LHS		1	12.00	1.20	0.15	1.44		
	RHS		1	30.00	1.20	0.15	2.16		
			1	20.00	1.20	0.15	5.40		
	Mathru layout 5th cross LHS		1	30.00	1.20	0.15	3.60		
			1	20.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	3.60		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
	RHS		1	30.00	1.20	0.15	5.40		
			1	5.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	0.90		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		

Ramasanjeeval
29/04/2021

Ramasanjeeval.
5/05/2021

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Length = 12.00 Mtr = 11.95/0.10 +1 = 120								
	Each u shape bar length = 2.50 mtr	10 mm dia	120	2.50			300.00		
	8 mm dia Distrubution bar at 150 mm c/c	8mm dia	18	11.95			215.10		
	RHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 38.00 Mtr = 37.95/0.10 +1 = 380								
	Each u shape bar length = 2.50 mtr	10 mm dia	380	2.50			950.00		
	8 mm dia Distrubution bar at 150 mm c/c	8mm dia	18	37.95			683.10		
	LHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 43.00 Mtr = 42.95/0.10 +1 = 430								
	Each u shape bar length = 2.50 mtr	10 mm dia	430	2.50			1075.00		
	8 mm dia Distrubution bar at 150 mm c/c	8mm dia	18	42.95			773.10		
	2nd main road LHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 50.00 Mtr = 49.95/0.10 +1 = 500								
	Each u shape bar length = 2.50 mtr	10 mm dia	500	2.50			1250.00		
	8 mm dia Distrubution bar at 150 mm c/c	8mm dia	18	49.95			899.10		
	RHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 50.00 Mtr = 49.95/0.10 +1 = 500								
	Each u shape bar length = 2.50 mtr	10 mm dia	500	2.50			1250.00		
	8 mm dia Distrubution bar at 150 mm c/c	8mm dia	18	49.95			899.10		
	Mathru layout 3rd cross road LHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 123.00 Mtr = 122.95 /0.10 +1 = 1230								
	Each u shape bar length = 2.50 mtr	10 mm dia	1200	2.50			3000.00		
	8 mm dia Distrubution bar at 150 mm c/c	8mm dia	18	122.95			2213.10		
	Mathru layout 3rd cross road RHS								
	10mm dia U shap bar at 200mm c/c								

CAFC

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Rameshgeevala

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Someshwara nagar main road house no 2538		1	30.00	(1.5+1.5)/2	0.10	4.50		
			1	30.00	(1.5+1.0)/2	0.10	3.75		
			1	30.00	(1.0+1.2)/2	0.10	3.30		
			1	30.00	(1.2+1.0)/2	0.10	3.30		
			1	30.00	(1.0+1.2)/2	0.10	3.30		
			1	30.00	(1.2+1.1)/2	0.10	3.45		
			1	16.30	(1.1+1.2)/2	0.10	1.87		
	Someshwara nagara 2nd A cross road house no 41		1	30.00	(1.1+1.0)/2	0.10	3.15		
			1	30.00	(1.0+1.1)/2	0.10	3.15		
			1	5.00	(1.2+1.2)/2	0.10	0.60		
	Someshwara nagara 3rd A cross house no 58		1	30.00	(1.1+1.5)/2	0.10	3.90		
			1	30.00	(1.5+1.0)/2	0.10	3.75		
			1	30.00	(1.0+1.5)/2	0.10	3.75		
			1	8.90	(1.5+1.2)/2	0.10	1.20		
	Someshwara nagara 5th A cross		1	30.00	(1.2+1.3)/2	0.10	3.75		
			1	19.10	(1.3+1.2)/2	0.10	2.39		
	Someshwara nagara 5th cross road house no 2		1	30.00	(1.2+1.0)/2	0.10	3.30		
			1	30.00	(1.0+1.1)/2	0.10	3.15		
			1	30.00	(1.1+1.1)/2	0.10	3.30		
			1	30.00	(1.1+1.1)/2	0.10	3.30		
			1	9.90	(1.1+1.1)/2	0.10	1.09		
	road edge LHS								
	Someshwara nagar main road house no 2538		1	30.00	(1.5+1.5)/2	0.10	4.50		
			1	30.00	(1.5+1.0)/2	0.10	3.75		
			1	30.00	(1.0+1.2)/2	0.10	3.30		
			1	30.00	(1.2+1.0)/2	0.10	3.30		
			1	30.00	(1.0+1.2)/2	0.10	3.30		
			1	30.00	(1.2+1.1)/2	0.10	3.45		
			1	16.30	(1.1+1.2)/2	0.10	1.87		
	Someshwara nagara 2nd A cross road house no 41		1	30.00	(1.1+1.0)/2	0.10	3.15		
			1	30.00	(1.0+1.1)/2	0.10	3.15		
			1	5.00	(1.2+1.2)/2	0.10	0.60		
	Someshwara nagara 3rd A cross house no 58		1	30.00	(1.1+1.5)/2	0.10	3.90		
			1	30.00	(1.5+1.0)/2	0.10	3.75		
			1	30.00	(1.0+1.5)/2	0.10	3.75		
			1	8.90	(1.5+1.2)/2	0.10	1.20		
	Someshwara nagara 5th A cross		1	30.00	(1.2+1.3)/2	0.10	3.75		
			1	19.10	(1.3+1.2)/2	0.10	2.39		
	Someshwara nagara 5th cross road house no 2		1	30.00	(1.2+1.5)/2	0.10	4.05		
			1	30.00	(1.5+1.5)/2	0.10	4.50		
			1	30.00	(1.5+1.5)/2	0.10	4.50		
			1	30.00	(1.1+1.1)/2	0.10	3.30		
	main road house no 7		1	9.90	(1.1+1.1)/2	0.10	1.09		
			1	30.00	(3.0+3.5)/2	0.10	9.75		
			1	2.10	(3.0+2.6)/2	0.10	0.59		
							140.14		

Ramasanjeevaiah.
18/5/2021

No	Description of item	Unit	No	L	B	D			
	Someshwara nagar main road house no 2538		1	30.00	(7.8+7.4)/2		228.00		
			1	30.00	(7.4+5.9)/2		199.50		
			1	30.00	(5.9+7.7)/2		204.00		
			1	30.00	(7.7+6.3)/2		210.00		
			1	30.00	(6.3+6.3)/2		189.00		
			1	30.00	(6.3+6.7)/2		195.00		
			1	16.30	(6.7+6.5)/2		107.58		
	Someshwara nagara 2nd A cross road house no 41		1	30.00	(5.4+5.0)/2		156.00		
			1	30.00	(5.0+6.7)/2		175.50		
			1	5.00	(6.7+6.7)/2		33.50		
	Someshwara nagara 3rd A cross house no 58		1	30.00	(6.4+5.4)/2		177.00		
			1	30.00	(5.4+5.8)/2		168.00		
			1	30.00	(5.8+4.5)/2		154.50		
			1	8.90	(4.5+3.5)/2		35.60		
	Someshwara nagara 5th cross road house no 2		1	30.00	(5.0+3.7)/2		130.50		
			1	30.00	(3.7+5.1)/2		132.00		
			1	30.00	(5.1+4.9)/2		150.00		
			1	30.00	(4.9+4.5)/2		141.00		
			1	9.90	(4.5+4.3)/2		43.56		
	main road house no 7		1	5.90	(6.4+7.1)/2		39.83		
							2870.07		
16	Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications As Per Engineer In-Charges	Sqm							
	Someshwara nagar main road house no 2538		1	30.00	(7.8+7.4)/2		228.00		
			1	30.00	(7.4+5.9)/2		199.50		
			1	30.00	(5.9+7.7)/2		204.00		
			1	30.00	(7.7+6.3)/2		210.00		
			1	30.00	(6.3+6.3)/2		189.00		
			1	30.00	(6.3+6.7)/2		195.00		
	Someshwara nagara 2nd A cross road house no 41		1	16.30	(6.7+6.5)/2		107.58		
			1	30.00	(5.4+5.0)/2		156.00		
			1	30.00	(5.0+6.7)/2		175.50		
	Someshwara nagara 3rd A cross house no 58		1	5.00	(6.7+6.7)/2		33.50		
			1	30.00	(6.4+5.4)/2		177.00		
			1	30.00	(5.4+5.8)/2		168.00		
			1	30.00	(5.8+4.5)/2		154.50		
			1	8.90	(4.5+3.5)/2		35.60		

Ramasanjeevaiah

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Someshwara nagara 5th cross road house no 2								
			1	30.00	(5.0+3.7)/2		130.50		
			1	30.00	(3.7+5.1)/2		132.00		
			1	30.00	(5.1+4.9)/2		150.00		
			1	30.00	(4.9+4.5)/2		141.00		
	main road house no 7		1	9.90	(4.5+4.3)/2		43.56		
			1	5.90	(6.4+7.1)/2		39.83		
							2870.07		

Rameshwareech.
31/05/2021